

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10524793	
	Filing Date		2005-10-20	
	First Named Inventor	Kenneth Evans		
	Art Unit	1743		
	Examiner Name	Maureen Wallenhorst		
	Attorney Docket Number	XY-Hypodermic-USNP		

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2	Auchtung, T.L., et al., Effects of Photoperiod During the Dry Period on Prolactin, Prolactin Receptor, and Milk Production of Dairy Cows; Journal of Dairy Sci. 88: 121-127; American Dairy Sci. Assoc., 2005.	<input type="checkbox"/>
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5	Kume, Shin-ichi; Dept of Animal Nutrition National Institute of Animal Industry Tsukuba 305, Japan THE DAIRY INDUSTRY \$IN ASIA B. JAPAN; <a href="http://www.agnet.org/library/article/eb384b.html">www.agnet.org/library/article/eb384b.html</a>	<input type="checkbox"/>
6	Lopez, H. et al., Relationship Between Level of Milk Production and Multiple Ovulation in Lactating Dairy Cows Journal of Dairy Sci. 88:2783-2793; American Dairy Science Association, 2005.	<input type="checkbox"/>
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8	Milk Production and Biosynthesis University of Guelph/Dairy Science and Technology (1998) <a href="http://www.foodsci.uoguelph.ca/dairyedu/biosyntheses.html">www.foodsci.uoguelph.ca/dairyedu/biosyntheses.html</a>	<input type="checkbox"/>
9	Milk Production, Released 7-18-2006, by the National Agricultural Statistics Service (NASS), Agri. Stats. Board, US Dept of Agri.	<input type="checkbox"/>
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13	Wong, P.Y.D., et al. Potassium Movement During sodium-Induced Motility Initiation in the Rat Caudal Epididymal Spermatozoa; Biology of Reproduction 28, 206-212 (1983)	<input type="checkbox"/>
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15	Padilla, A.W. et al. Extender and Centrifugation Effects on the Motility Patterns of Slow-Cooled Stallion Spermatozoa; J. Anim. Sci 1991, 69:3308-3313	<input type="checkbox"/>
16	Ohta H., et al., Acquisition and Loss of Potential for Motility Of spermatozoa of the Japanese Eel Anguilla Japonica, National Research Institute of Aquaculture, UNJR Aquiculture; 28th Panel Proceedings (1999)	<input type="checkbox"/>
17	Morisawa, M. The Process of the Initiation of Sperm Motility; Laboratory of Physiology, Ocean Research Institute, University of Tokyo (1986)	<input type="checkbox"/>
18	McGrady, A.V., et al. Cholinergic Effects on Bull and Chimpanzee Sperm Motility; Biology of Reproduction 15, 248-253 (1976)	<input type="checkbox"/>
19	Klinc, P. Dissertation - Improved Fertility of Flowcytometrically Sex Selected Bull Spermatozoa , School of Veterinary Medicine Hanover Germany, 2005	<input type="checkbox"/>
20	Jones, J.M. et al Acidification of Intracellular pH in Bovine Spermatozoa Suppresses Motility and Extends Viable Life, Journal of Andrology, Vol. 21, No. 5, September/October 616-624	<input type="checkbox"/>
21	Jenkins, A. D., et al. Concentrations of Seven Elements in the Intraluminal Fluids of the Rat Seminiferous Tubules, Rete Testis, and Epididymis; Biology of Reproduction 23, 981-987 (1980)	<input type="checkbox"/>
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23	Christen, R., et al. Metabolism of Sea Urchin Sperm, the Journal of Biological Chemistry, Vol 25, NO. 9, Issue of May 10, pp.	<input type="checkbox"/>

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24	Babcock, D. F., et al. Potassium-dependent increases in cytosolic pH stimulate metabolism and motility of mammalian sperm, Proc. Natl. Acad. Sci. USA, Vol. 80, pp. 1327-1331, March 1983	<input type="checkbox"/>
25	Zilli, L., et al. Adenosine Triphosphate Concentration and $\beta$ -D-Glucuronidase Activity as Indicators of Sea Bass Semen Quality; Biology of Reproduction 70,1679-1684 (2004) Published online before print 11 February 2004.	<input type="checkbox"/>
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29	Moce E., et al., Cholesterol-loaded cyclodextrins added to fresh bull ejaculates improve sperm cryosurvival, J. Anim. Sci, 2006, 84:826-833	<input type="checkbox"/>
30	Ereth, B.A., et al. Integration of Early Weaning and Sexed Semen into a Single-Calf Heifer System to Increase Value of Non-Replacement Heifers; Proceedings, Western Section, American Society of Animal Science, Vol. 51,441-443, June 2000	<input type="checkbox"/>
31	Ereth, B.A., et al. Integration of Early Weaning and Sexed Semen into a Single-Calf Heifer System to Increase Value of Non-Replacement Heifers; Abstract Only, Journal of Animal Science, Vol. 78, Supplement 2, 2000	<input type="checkbox"/>

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☒ None

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A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Nicole A. Ressue/	Date (YYYY-MM-DD)	2007-02-26
Name/Print	Nicole A. Ressue	Registration Number	48665

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